

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/526,533A  
Source: IFWO  
Date Processed by STIC: 7/10/06

# ***ENTERED***



IFWO

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/526,533A

DATE: 07/10/2006  
 TIME: 10:08:28

Input Set : A:\sequence listing.txt  
 Output Set: N:\CRF4\07102006\J526533A.raw

3 <110> APPLICANT: BEN-SASSON, Shmuel  
 4 REUVENI, Hadas  
 6 <120> TITLE OF INVENTION: SHORT PEPTIDES FROM THE '2ND LOOP' OF 7 TRANSMEMBRANE  
 RECEPTOR  
 7 WHICH SELECTIVELY MODULATE SIGNAL TRANSDUCTION  
 9 <130> FILE REFERENCE: BEN-SASSON13A PCT  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/526,533A  
 C--> 11 <141> CURRENT FILING DATE: 2005-03-03  
 11 <150> PRIOR APPLICATION NUMBER: 60/407,290  
 12 <151> PRIOR FILING DATE: 2002-09-03  
 14 <160> NUMBER OF SEQ ID NOS: 13  
 16 <170> SOFTWARE: PatentIn version 3.3  
 18 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 9  
 20 <212> TYPE: PRT  
 21 <213> ORGANISM: Artificial  
 23 <220> FEATURE:  
 24 <223> OTHER INFORMATION: synthetic  
 26 <400> SEQUENCE: 1  
 28 Met Arg Pro Tyr Asp Ala Asn Lys Arg  
 29 1 5  
 32 <210> SEQ ID NO: 2  
 33 <211> LENGTH: 9  
 34 <212> TYPE: PRT  
 35 <213> ORGANISM: Artificial  
 37 <220> FEATURE:  
 38 <223> OTHER INFORMATION: synthetic  
 40 <400> SEQUENCE: 2  
 42 Arg Lys Asn Ala Asp Tyr Pro Arg Met  
 43 1 5  
 46 <210> SEQ ID NO: 3  
 47 <211> LENGTH: 19  
 48 <212> TYPE: PRT  
 49 <213> ORGANISM: Artificial  
 51 <220> FEATURE:  
 52 <223> OTHER INFORMATION: synthetic  
 55 <220> FEATURE:  
 56 <221> NAME/KEY: misc\_feature  
 57 <223> OTHER INFORMATION: EDG3  
 59 <400> SEQUENCE: 3  
 61 Glu Arg His Leu Thr Met Ile Lys Met Arg Pro Tyr Asp Ala Asn Lys  
 62 1 5 10 15  
 65 Arg His Arg  
 69 <210> SEQ ID NO: 4

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70 <211> LENGTH: 9
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial
74 <220> FEATURE:
75 <223> OTHER INFORMATION: synthetic
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <223> OTHER INFORMATION: R002L103
82 <400> SEQUENCE: 4
84 Met Arg Pro Tyr Asp Ala Asn Lys Arg
85 1 5
88 <210> SEQ ID NO: 5
89 <211> LENGTH: 6
90 <212> TYPE: PRT
91 <213> ORGANISM: Artificial
93 <220> FEATURE:
94 <223> OTHER INFORMATION: synthetic
97 <220> FEATURE:
98 <221> NAME/KEY: misc_feature
99 <223> OTHER INFORMATION: R002L106
101 <220> FEATURE:
102 <221> NAME/KEY: misc_feature
103 <222> LOCATION: (1)..(1)
104 <223> OTHER INFORMATION: Xaa is Nle
106 <400> SEQUENCE: 5
W--> 108 Xaa Arg Pro Tyr Asn Ala
109 1 5
112 <210> SEQ ID NO: 6
113 <211> LENGTH: 20
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial
117 <220> FEATURE:
118 <223> OTHER INFORMATION: synthetic
121 <220> FEATURE:
122 <221> NAME/KEY: misc_feature
123 <223> OTHER INFORMATION: Lop 2 b3-Adr
125 <400> SEQUENCE: 6
127 Asp Arg Tyr Leu Ala Val Thr Asn Pro Leu Arg Tyr Gly Ala Leu Val
128 1 5 10 15
131 Thr Lys Arg Cys
132 20
135 <210> SEQ ID NO: 7
136 <211> LENGTH: 11
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial
140 <220> FEATURE:
141 <223> OTHER INFORMATION: synthetic
144 <220> FEATURE:
145 <221> NAME/KEY: misc_feature

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146 <223> OTHER INFORMATION: R013L101
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (1)..(1)
151 <223> OTHER INFORMATION: Gly is modified with a myristoyl group.
153 <400> SEQUENCE: 7
155 Gly Asn Pro Leu Arg Tyr Gly Ala Leu Val Thr
156 1          5          10
159 <210> SEQ ID NO: 8
160 <211> LENGTH: 10
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial
164 <220> FEATURE:
165 <223> OTHER INFORMATION: synthetic
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <223> OTHER INFORMATION: R013L102
172 <220> FEATURE:
173 <221> NAME/KEY: misc_feature
174 <222> LOCATION: (1)..(1)
175 <223> OTHER INFORMATION: Gly is modified with a myristoyl group.
177 <400> SEQUENCE: 8
179 Gly Leu Arg Tyr Gly Ala Leu Val Thr Lys
180 1          5          10
183 <210> SEQ ID NO: 9
184 <211> LENGTH: 10
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial
188 <220> FEATURE:
189 <223> OTHER INFORMATION: synthetic
192 <220> FEATURE:
193 <221> NAME/KEY: misc_feature
194 <223> OTHER INFORMATION: R013L103
196 <220> FEATURE:
197 <221> NAME/KEY: misc_feature
198 <222> LOCATION: (1)..(1)
199 <223> OTHER INFORMATION: Gly is modified with a myristoyl group.
201 <400> SEQUENCE: 9
203 Gly Pro Leu Arg Tyr Gly Ala Leu Val Thr
204 1          5          10
207 <210> SEQ ID NO: 10
208 <211> LENGTH: 9
209 <212> TYPE: PRT
210 <213> ORGANISM: Artificial
212 <220> FEATURE:
213 <223> OTHER INFORMATION: synthetic
216 <220> FEATURE:
217 <221> NAME/KEY: misc_feature
218 <223> OTHER INFORMATION: R001L115

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220 <220> FEATURE:
221 <221> NAME/KEY: misc_feature
222 <222> LOCATION: (1)..(1)
223 <223> OTHER INFORMATION: Gly is modified with a myristoyl group.
225 <400> SEQUENCE: 10
227 Gly Leu Arg Tyr His Ser Ile Val Thr
228 1      5
231 <210> SEQ ID NO: 11
232 <211> LENGTH: 10
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial
236 <220> FEATURE:
237 <223> OTHER INFORMATION: synthetic
240 <220> FEATURE:
241 <221> NAME/KEY: misc_feature
242 <223> OTHER INFORMATION: R001L116
244 <220> FEATURE:
245 <221> NAME/KEY: misc_feature
246 <222> LOCATION: (1)..(1)
247 <223> OTHER INFORMATION: Gly is modified with a myristoyl group.
249 <400> SEQUENCE: 11
251 Gly Leu Arg Tyr His Ser Ile Val Lys Thr
252 1      5      10
255 <210> SEQ ID NO: 12
256 <211> LENGTH: 7
257 <212> TYPE: PRT
258 <213> ORGANISM: Artificial
260 <220> FEATURE:
261 <223> OTHER INFORMATION: synthetic
264 <220> FEATURE:
265 <221> NAME/KEY: misc_feature
266 <223> OTHER INFORMATION: K024H107
268 <220> FEATURE:
269 <221> NAME/KEY: misc_feature
270 <222> LOCATION: (1)..(1)
271 <223> OTHER INFORMATION: Gly is modified with a myristoyl group.
273 <400> SEQUENCE: 12
275 Gly Leu Leu Arg Arg His Ser
276 1      5
279 <210> SEQ ID NO: 13
280 <211> LENGTH: 9
281 <212> TYPE: PRT
282 <213> ORGANISM: Artificial
284 <220> FEATURE:
285 <223> OTHER INFORMATION: synthetic
288 <220> FEATURE:
289 <221> NAME/KEY: misc_feature
290 <223> OTHER INFORMATION: K024H124
292 <400> SEQUENCE: 13

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Input Set : A:\sequence listing.txt

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294 Leu Gly Leu Leu Arg Arg His Ser Ile  
295 1 5

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/526,533A

DATE: 07/10/2006  
TIME: 10:08:29

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF4\07102006\J526533A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 1

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/526,533A

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Input Set : A:\sequence listing.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0